

## ABSTRACT

This invention relates to a device for the simultaneous qualitative or quantitative  
5 determination of several analytes in a liquid sample, comprising a membrane (2) with a  
charging zone (5), for the application of the liquid sample, at least two indicator zones  
which can interact with the analyte(s) and at least one absorption region (3), which  
accepts the fluid after passing through the indicator zones, whereby the indicator zones  
lie between the charging zone (5) and an absorption region (3), characterized in that the  
10 flow directions (flow tracks) are essentially parallel from the application zone (5) through  
each indicator zone to an absorption region (3) and at least two different flow tracks are  
present. The invention further relates to a method for the determination of several  
analytes or derivatives thereof in a liquid sample, comprising: application of the sample  
to the charging zone (5) of a membrane of the device as given in claims 1 to 8, whereby  
15 said sample is present in sufficient amounts to permit the sample fluid to flow in the  
direction of the absorption region (3) through the indicator zones and to permit the  
analytes or derivatives thereof in the liquid sample to form a complex in the indicator  
zone.